Scottsdale Healthcare Osborn is expanding its military-training program with a new \$1.6 million trauma center.

The 7,500-square-foot center will add five hospital-setting like bays, all the hookups and equipment for patient-care areas and auditorium seating for observers.

Hospital officials said when the center opens in December, regional paramedics and firefighters will be able to use it for their own training.

The remodeling of the existing training facility, adjacent to the hospital, is being done with congressional funds.

Since 2004, the hospital has trained military personnel to treat the injured in Iraq and Afghanistan.

Almost 650 men and women have gone through the program.

In April, 27 men and women, mostly from the 911 Aeromedical Staging Squadron from Pittsburgh, began a two-week training stint in the cramped quarters of the existing two-bay facility.

When the new facility is complete, existing high-tech equipment such as a \$350,000 lifelike dummy that can breathe, bleed and talk will be transferred.

On one day this week, soldiers, some with jobs in the medical arena and some who, according to Randy Derr, clinical educator for military training said, work at UPS or Safeway when they're not deployed, engaged in a trauma situation with a dummy.

After working with the dummies, the military personnel will have two more weeks of training, including time in the operating room, pediatrics, the burn unit, and other clinical rotations.

Derr said injuries typically seen in Iraq and Afghanistan are head injuries, burns, trauma to eyes and ears from blasts, missing limbs and fractures in the upper body.

U.S. Rep. Harry Mitchell, who was present at the center's groundbreaking, touted the training program's role in helping Scottsdale Healthcare Osborn retain its designation as a disaster-relief hub.

Mitchell went to Iraq, Afghanistan and Germany more than a year ago, following injured soldiers to see how their care was handled.

"I was just so impressed," he said. "This enhanced training center is going to better enable them to deliver care."

Scottsdale Healthcare Osborn was the first civilian hospital to offer a military-training program and both medical personnel and Scottsdale residents gain from the partnership, said Michelle Pabis, government-relations director for the hospital.

Nurses use the dummy simulators as a part of their training, she said.

Hospital staff and personnel attend the lectures for military personnel.